IN THE CLAIMS:

1. (Currently amended) A method of analyzing first data elements representative of a particular task, comprising:

inputting the first data element into ~~generating classification outputs from~~ a first data classifier;

operating the first data classifier to generate ~~based on first data elements, using the~~ classification outputs from ~~and~~ the first data elements, wherein the classification outputs are indicative of classes of data for the particular task;

inputting the first data elements and the classification outputs into a rule inducer; and

operating the rule inducer to generate rules explaining relationships between ~~relating~~ the first data elements and the classification outputs.

2. (Original) The method of claim 1, wherein the first data elements include data based on usage of a telecommunications network.

3. (Original) The method of claim 2, wherein the data include call detail records.

4. (Original) The method of claim 1, wherein the first data classifier includes at least one of: a neural network, an unsupervised classifier, and a Bayesian classifier.

5. (Currently amended) The method of claim 1, wherein operating the rule inducer ~~generating rules~~ includes: combining the first data elements and the corresponding classification outputs.

6. (Original) The method of claim 1, further comprising: based on the generated rules, generating a second data classifier.

7. (Currently amended) An analysis system, comprising:

a first data classifier configured to generate, ~~based on first data elements,~~ classification outputs <u>from first data elements input into the first data classifier</u>, and

a rule inducer configured to ~~use the first data elements and the classification outputs to~~ generate rules <u>indicative of a relationship between</u> ~~relating~~ the first data elements and the <u>generated</u> classification outputs.

8. (Original) The system of claim 7, wherein the first data elements include data based on usage of a telecommunications network.

9. (Original) The system of claim 8, wherein the data include call detail records.

10. (Original) The system of claim 7, wherein the data classifier includes at least one of: a neural network, an unsupervised classifier, and a Bayesian classifier.

11. (Original) The system of claim 7, further comprising: a second data classifier based on the rules.

12. (Currently amended) A processor program for classifying data, the processor program disposed on a processor-readable medium and comprising instructions to cause a processor to:

generate classification outputs <u>from</u> ~~based on~~ first data elements <u>by inputting the first data elements into</u> ~~provided to~~ a first data classifier <u>configured to generate the classification outputs from the first data elements</u>, and

generate rules <u>indicative of a relationship between</u> ~~relating~~ the first data elements and the classification outputs <u>by inputting</u> ~~, based on~~ the first data elements and the classification outputs <u>into a rule inducer configured to output the rules based on said first data elements and said classification outputs</u>.

13. (Original) The processor program of claim 12, wherein the first data elements include data based on usage of a telecommunications network.

14. (Original) The processor program of claim 12, further comprising instructions to cause to a processor to: generate a second data classifier based on the rules.

15. (Original) The processor program of claim 12, where the first data classifier is at least one of: a neural network, an unsupervised classifier, and a Bayesian classifier.